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### (54) Title: ACUTE INFLAMMATORY CONDITION TREATMENT

# TNF-α/GAPDH levels 0.70 0.60 0.50 0.40 0.20 0.10 0.00 2hrs 6hrs 12hrs 24hrs 48hrs

(57) Abstract: This invention provides a method for prophylaxis or treatment of an acute inflammatory disorder, comprising administering to a patient an effective amount of pharmaceutically acceptable bodies carrying an effective number of phosphate-containing groups presented or presentable on the surface of said bodies, the phosphate-containing groups comprising a plurality of phosphate-glycerol groups or groups convertible to such groups, to inhibit and/or reduce the progression of the acute inflammatory disorder, said bodies being of a size from about 20 nanometers (nm) to 500 micrometers (µm).